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ABSTRACT OF THE DISCLOSURE

A device is described for actuating the charge-cycling valves (V) in reciprocating internal combustion engines, consisting of a housing (G) and a cam (N) mounted in the housing (G) in a revolute joint (ng) so as to be able to rotate. The rotational movement of this cam is derived from a crankshaft. An intermediate member (Z) is activated by this cam (N) by way of a first cam joint (zn) and power take-off member (A) transfers the movement to the valve (V), and is connected to act with the intermediate member (Z), directly or via other transfer elements.